



**SAFEGUARDS INFORMATION**  
**UNITED STATES**  
**NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

October 19, 2005

Mr. Michael J. Mosley, Project Engineer  
Transportation Coordinator  
Site and Transportation Services  
NAC International  
3930 East Jones Bridge Road  
Norcross, GA 30092

SUBJECT: APPROVAL OF HIGHWAY ROUTE TO TRANSPORT SPENT NUCLEAR FUEL  
FROM CHARLESTON, SC, TO AIKEN, SC (NRC ROUTE NO. 210)

Dear Mr. Mosley:

On behalf of the U.S. Nuclear Regulatory Commission (NRC), I am responding to your submittal of September 1, 2005, which requested the NRC to approve a route for transporting materials testing reactor fuel elements from the United States Weapons Station (NWSC), Charleston, SC, destined for the Savannah River Site (SRS), Aiken, SC (NRC Route No. 210).

The NRC has reviewed NAC International's submittal and concluded that the information satisfies the requirements of 10 CFR 73.37. Specific details of Route No. 210 are enclosed [Enclosure 1]. Specific details of Route No. 210 combined with additional Safeguards Information (SGI) are also enclosed [Enclosure 2]. Enclosure 2 will not be released to the public and you should protect it in accordance with the requirements of 10 CFR 73.21. Approval of Route No. 210 will expire two years from the date of this letter.

The NRC issued Additional Security Measures (ASMs) for the transportation of spent nuclear fuel (SNF) on October 3, 2002, for NRC licensees who ship greater than 100 grams of SNF. Licensees are required to comply with the requirements of 10 CFR 73.37 and these ASMs when shipping SNF. Licensees are also required to comply with U.S. Departments of Transportation and Homeland Security regulations on the shipment of hazardous materials.

In addition, the NRC also issued Regulatory Issue Summary (RIS) 2002-12I, Rev. 1, on October 3, 2002, "Transportation of Spent Nuclear Fuel Greater than 100 Grams - NRC Threat Advisory and Protective Measures System." The RIS advised licensees shipping SNF to consider various recommendations to be taken in conjunction with changes to the national or transportation-sector threat levels.

WARNING: Violation of Section 147 of  
the Atomic Energy Act, "Safeguards  
Information" is subject to Civil and  
Criminal Penalties

When separated from Enclosure 2  
this document is DECONTROLLED

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## **SAFEGUARDS INFORMATION**

M. Mosley

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If you are requested by State officials to deviate from a portion of the approved route (due to highway construction activities or other exigent conditions), please provide details of the deviation to Mrs. Kelly Riner, as soon as possible. If you have questions on this route approval or require additional information please contact Mrs. Kelly Riner at (301) 415-6623 or via e-mail at [PKR@nrc.gov](mailto:PKR@nrc.gov) for non-SGI information or via secure e-mail at [PKR@nrc.sgov.gov](mailto:PKR@nrc.sgov.gov).

Sincerely,

***/RA M. C. Layton for:/***

Vonna L. Ordaz, Director  
Nuclear Security Policy Project Directorate  
Division of Nuclear Security  
Office of Nuclear Security and Incident Response

Docket No. 70-3020

Enclosures:

1. Route No. 210 - Mileage Summary
2. Route No. 210 - Detailed Highway Route Plan (S)

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Sincerely,

*(Original Signed by M. C. Layton for:)*

Vonna L. Ordaz, Director  
Nuclear Security Policy Project Directorate  
Division of Nuclear Security  
Office of Nuclear Security and Incident Response

Docket No. 70-3020

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DISTRIBUTION: (05000454I20R) (TAC # )

w/enclosures 1 and 2:

DOCKET Case File RidsRGN-III RidsRGN-II

w/o Enclosure 2

RidsOgc RidsNsirDnsMtwS RidsNsirDNS  
NJensen, OGC EPoteat, OCIO MMendonca, NRR

ADAMS Package Accession # ML052920285

ADAMS Document Accession # ML052920296

Enclosure 2 is SGI and is not entered into ADAMS

<b>OFC</b>	MTWS	MTWS	MTWS	MTWS	PD:NSPPD/DNS
<b>NAME</b>	KRiner	RFoster	PBrochman (MCL)	MLayton	VLOrdaz (MCL)
<b>DATE</b>	9/16/05	9/16/05	10/17/05	10/19/05	10/19/05

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